SPECIAL COUNCIL - JUNE 14, 2011

WATER & WASTEWATER OPERATING BUDGETS

Council, at its meeting of May 24, 2011, adopted the following (Item 2, Finance and Administration Committee Report No. 13):

That Communication C14 from the Director of Financial Services, dated May 17, 2011, be received.

The Finance and Administration Committee recommends:

- 1) That the recommendation contained in the following report of the City Manager, the Commissioner of Finance/City Treasurer, the Commissioner of Engineering and Public Works, the Director of Public Works, and the Director of Financial Services, dated May 16, 2011, be approved; and
- 2) That the presentation by the Commissioner of Finance/City Treasurer, and Communication C1, presentation material dated May 16, 2011, be received.

Report of the City Manager, the Commissioner of Finance/City Treasurer, the Commissioner of Engineering and Public Works, the Director of Public Works and the Director of Financial Services, dated May 16, 2011

Recommendation

The City Manager, the Commissioner of Finance/City Treasurer, the Commissioner of Engineering and Public Works, the Director of Public Works and the Director of Financial Services recommend:

- 1) That the following report be received; and
- 2) That the consumption rates for Water and Wastewater in Schedule "A" of By-Law 12-74 and 167-73 be amended to reflect the Regional rate increase, City operating and City capital requirements, Attachment 1; and
 - (a) The City's water rate be increased from 106.29¢ to 116.26¢ per cubic meter effective in July 2011 the day after the Water By-law is adopted; and
 - (b) The City's wastewater rate be increased from 112.79¢ to 124.58¢ per cubic meter effective in July 2011 the day after the Wastewater By-law is adopted; and
- 3) That the additional Resource Requests, Attachment 3 be approved; and
- 4) That the Permit Review Fee charged for the review and approval of additions to the City's water distribution system remain at \$1,200 for 2011; and
- 5) That the City further investigate the use of "smart" metering technology for water meter sales and installations, to allow for increased conservation measures and more efficient reading and billing, and report back at a later date with their findings and recommendations; and
- 6) That the recommendation from the Finance and Administration Committee be forwarded to a Special Council meeting on June 14th, 2011 at 7:00 pm for public input; and

7) That the appropriate notification be provided in accordance with the City's public notification by-law.

Contribution to Sustainability

The 2011 recommended consumptive rates will continue to provide sufficient funds to maintain the City's water and wastewater system in the future in accordance with the Safe Drinking Water Act.

Economic Impact

This year 62% of the combined increase in rates is due to Region of York increases for the purchase of potable water and sanitary sewer service. The combined rate increase is 9.94%. The annual residential impact on an average household consumption of 300 cubic meters of water per year is an additional \$65.31 or \$5.44 per month.

The sales of water will generate a net contribution of \$4.0 million to the water reserve and wastewater services will generate \$3.7 million to the wastewater reserve thereby providing the necessary funds to maintain a financially sustainable water and wastewater systems for the future as required by the Safe Drinking Water Act (SDWA).

The proposed consumption rates for water and wastewater are supported by the rate study conducted by Watson and Associates in 2009.

Communications Plan

The approved Water & Wastewater rates will be advertised per City policy in the local newspapers and the City's web site. Staff are also developing with the Corporate Communications department a list of questions and answers to respond to the public and media. The City of Vaughan 2011 Water/Wastewater Budget and proposed 2011 rates were prepared in alignment with mandated provincial legislation for a financial plan for water systems, and guidelines for financially sustainable drinking water and wastewater systems as well as to ensure the highest quality of water in the City of Vaughan.

Purpose

To adopt the water and wastewater operating budgets and the corresponding proposed consumption rates.

The 2011 proposed water rate increase is 9.39% and wastewater rate increase is 10.45%. Both rates incorporate the Region of York increases and the City's operating, maintenance and infrastructure reserve increases. The combined rate increase is 9.94% of which 6.2% (62%) is attributable to Region of York.

The proposed consumption rates are based on the 2009 rate study report that supports the move towards full cost recovery as required by the Safe Drinking Water Act.

The City's consumption rates are still very competitive as demonstrated on Attachment No. 2.

Background Analysis and Options

SUMMARY - 2011 WATER AND WASTEWATER PROPOSED CONSUMPTION RATES

The major source of revenue for water and wastewater operations is consumption rates, totalling \$83.4 million for 2011. The consumption rate revenues net of operating costs and Region of York purchases are transferred to the respective water and wastewater reserves. The net earnings

provide for both the delivery of clean potable water, wastewater services and for the future renewal and replacement of the City's underground infrastructure.

The proposed 2011 water and wastewater budgets are attached including the draft 2010 actuals. The 2010 water and wastewater operating and capital activity form part of the City's consolidated Financial Statements.

The following attachments are included: 2011 Water and Wastewater Budgets including the draft 2010 Actuals Attachment No. 1, the Municipal Rate Comparison Attachment No. 2, Additional Resource Requests & New Complements Summary - Water & Wastewater Attachment No. 3, Water, Wastewater & Drainage 2011 Business Plan, Attachment No. 4.

Annual Residential Impact

The average residential customer with a consumption of 300 cubic meters of water per annum will see a combined increase of \$65 (\$41 is the Region of York portion) or 9.94%. The increase in the water and wastewater rates is \$5 per month.

The 2011 budgets include an annual rate increase of 9.39% for water and a 10.45% increase for wastewater for a combined increase of 9.94%.

The net rate increase impact is the result of:

- The Regional increase of 10% for the cost of potable water and the increase of 10% for wastewater services. This increase is based on Regional water and wastewater reserve adequacy study.
- The impact of inflationary pressures.
- The net increases in maintenance, administration, additional staffing resources and other expenditures.
- The required increase in the contribution to the water and wastewater reserves.
- Reduction of the cost of the Joint Services agreement.

Following is a breakdown of the combined water and wastewater increase:

9.94%	
2.93%	Reserves
(0.42%)	
(0.06)%	
0.89%	
0.43%	
6.17%	York Region
	0.43% 0.89%

Rate Components - Increase

The largest cost component of the consumption rate is the purchase of potable water and wastewater services from the Region as shown below. Water purchases and wastewater purchased services in particular have gone up over the past number of years by 10%. Both increases are primarily due to the need to build reserves for future Regional infrastructure requirements.

The City, like the Region, needs to ensure that sufficient reserves will be available for future infrastructure replacement. A significant component of the proposed consumption rates is "Contribution to Reserves". These are the funds that are transferred to the reserves each year for the future water & wastewater infrastructure replacement. The City consumption rates are now moving to full cost recovery and are supported by the 2009 Rate Study.

The 2011 water and wastewater rate components and cost impacts are as follows:

Rate Components	Water	Wastewater	Combined
Regional Purchased Services	\$0.6973	\$0.7900	\$1.4873
Unmetered Water	0.1022	0.00	0.1022
Maintenance	0.1225	0.1486	0.2711
Other	0.1063	0.0609	0.1672
Lifecycle Contribution - Reserve	0.1343	0.2463	0.3806
Total	\$1.1626	\$1.2458	\$2.4084

Cost Increase Impact	Water	Wastewater	Combined
Region	64%	61%	62%
City	36%	39%	38%

The Safe Drinking Water Act (SDWA) - Licencing Requirements

The Safe Drinking Water Act (SDWA) is comprehensive in its legislative requirements and was enacted to place all legislation and regulations relating to the treatment and distribution of drinking water into one Act. The SDWA expands on existing policy and practices and introduces new regulations to protect drinking water. It includes certification of drinking water system operators and analysts and puts in place certain financial reporting requirements and the need for municipalities to develop financially sustainable water treatment and distribution systems.

Drinking Water Quality Management Standard (DWQMS)

Fourteen of the recommendations in the final report of the Walkerton Inquiry relate to the development of the new approvals framework for municipal residential drinking water systems. The new program, the Municipal Drinking Water Licence Program, is based on Recommendation No. 71 of the Walkerton Inquiry Part Two Report, which states:

The Ministry of the Environment should require the owners of municipal water systems to obtain an owner's licence for the operation of their waterworks. In order to obtain a licence, an owner should have⁷:

- 1. a certificate of approval for the facility;
- 2. a permit to take water;
- 3. approved operational plans;
- 4. an approved financial plan; and
- 5. an accredited operating authority

Requirements 1 and 2

These two requirements do not apply to the City of Vaughan as these are Regional responsibilities. A certificate of approval for the distribution system, and a permit to take water has not been issued, as the City does not take water, but purchases it from York Region.

Requirements 3 and 5

Requirements three and five (approved operational plan, and an accredited operating authority) were new to the water sector and to the Ministry of the Environment. These two requirements are directly related to the Walkerton Inquiry Report's recommendation that Owners and Operating Authorities move towards the concepts of the quality management approach into their operation and management of the drinking water system.

The Drinking Water Quality Management Standard has 21 elements which relate to quality management and the risk assessment/risk management of critical control points. The Operational Plan documents the processes and procedures that the Owner and Operating Authority have in place to meet the requirements of the DWQMS. The Operating Authority, in consultation with the Owner, prepared an Operational plan, which outlines how the City is meeting the requirements of the standard. The City of Vaughan successfully completed and submitted the Operational Plan to the Ministry, prior to the January 1, 2009 deadline.

On June 11 & 12, 2009, an on-site verification audit was conducted by Canadian General Standards Board to determine whether the drinking water Quality Management System (QMS) conforms to the requirements of the Ontario Ministry of the Environment's (MOE) Drinking Water Quality Management Standard (DWQMS).

The results of the audit showed that no non-conformances were found, and outlined seven opportunities for improvement. A Full Scope – Entire accreditation certificate was formally issued to the Corporation of the City of Vaughan on July 7, 2009. The City of Vaughan received its Drinking Water Works Permits and Municipal Drinking Water Licences on July 27, 2009, which are a modified version of the existing Certificate of Approval framework.

As participants of the full scope accreditation process for the DWQMS, the City of Vaughan was required to submit information for the annual surveillance audit (conducted by the CGSB – the Canadian General Standards Board) by June 7th, 2010 to maintain accreditation. The City of Vaughan submitted the documentation, and remains in compliance with this legislation. The City is still fully accredited for both the Vaughan Distribution System and the Kleinburg Distribution System.

Requirement 4

Requirement four, an approved Financial Plan, has been developed as part of the Sustainable Sewage and Water Systems Act (SWSSA). The approved financial plan must apply for a period of at least six years, and include details of the drinking water system's proposed or projected:

- Financial Position
- Financial Operations
- Gross Cash Receipts & Gross Cash Payments

The City's financial plan was approved by Council on June 11, 2010, submitted to the Ministry of the Environment on June 18, 2010, and submitted to the Ministry of Municipal Affairs and Housing on June 25, 2010.

2009 Water Rate Study

The City undertook an RFP process for consulting services and a contract was awarded to Watson and Associates who partnered with an engineering firm AECOM. Watson and AECOM undertook a full review of water, wastewater and storm services that would result in recommendations that would over time move consumption rates to a full cost recovery level.

The rate study determined asset replacement costs, replacement timelines, growth levels, consumption levels, revenue projections, operational cost projections, etc for the period 2008 to 2033, a 25 year forecast period.

The rate study objectives were:

- 1) A full cost review of water, wastewater and storm services
- Identify current and future water, wastewater, storm sewer capital needs over the assets lifecycle
- 3) Identify cost recovery options for both capital and operational needs
- 4) An analysis of lifecycle reserve fund requirements to provide financial sustainability
- 5) Recommend user rates to recover full costs for water, wastewater and storm services
- 6) Provide an Excel based "CAFÉ" model to the City for ongoing long range financial planning

The study revealed that the City's underground infrastructure is relatively new therefore significant rehabilitation or replacement will not be required in the near future. In addition based on the water and wastewater reserve levels the City is well positioned to phase in any rate increase over time to reach full cost recovery.

The above rate study now forms the basis for setting the water and wastewater consumption rates so that they move towards full cost recovery as required by the SDWA.

Permit Review Fee

Prior to the issuance of the City's Municipal Drinking Water Permits and Municipal Drinking Water Licences, applications for the approval to construct a new watermain were sent to the Ministry of the Environment for review and approval. With the issuance of the permits and licences, the City is now the approving authority for construction of new watermains. Plans and applications are processed by the Development/Transportation Engineering, Engineering Services Departments, and the Public works Department to ensure such additions and alterations to the City's infrastructure meet all applicable requirements and legislation. Approvals are signed off by the Director of Public Works.

The Ministry of the Environment charged \$1,200 for their review and approval. To capture the cost of City staff reviewing these applications and drawings, and approving such applications, a similar fee of \$1,200 has been initiated for additions to the system. For 2011, it is recommended that his fee remain at \$1,200 per application.

Water Conservation

Water conservation is an important issue for the future growth and development of York Region. As part of the Ministry of the Environment's approval to York Region for the twinning of the South-East Collector Trunk Sewer, and the inter-basin water transfer, the Region, and all of its area municipalities, must implement a water conservation program, along with a sewage inflow/infiltration program. Combined, these two strategies must show a 10% reduction in peak flows to the treatment facility.

Public Works has undertaken a number of initiatives to reduce unmetered water use. Although flushing of watermains is required to ensure water quality is maintained in areas with low

consumption, the water sampling protocol in place allows for better identification of when this needs to occur.

The banding of hydrants has reduced unauthorized water taking, and encourages water haulers to source water from one of the City's four water filling stations.

The anode protection program for iron watermains, initiated in 2005 and still underway today, continues to perform very well, yielding a 50% decrease in the number of water main breaks in the water distribution system.

Until sufficient users are in place to ensure a changeover of water takes place in new development watermains, developers are required to implement a flushing program to ensure that water quality is maintained in accordance with all applicable legislation. Measures have been put in place to capture this data and charge developers for the water they use in this process.

"Smart" Water Meters

A key part of water conservation is making the public aware of the amount of water they use. The City meters its residential and Industrial/Commercial/Institutional (ICI), water users, and bills according to usage. As with the latest generation of "smart" hydro meters, there is a new generation of Water meters available that can provide up to the minute water consumption data readings back to the municipality.

These new meters do not require a person to read them, as they report automatically through a wireless system. They can be set to send back data as frequently as required. This feature is

helpful in identifying things such as internal plumbing leaks and other causes of high water consumption that go unnoticed with the current reading and billing cycle. In some U.S. cities, the program is set to identify above average uses, and alerts the homeowner in case there are internal leaks or other causes that would result in abnormally high water uses. Things like a low volume consistent water usage throughout the night may indicate a leaking toilet, whereas peak high volumes in the late night/early morning may show sprinkler system usage. This type of data is invaluable when concerns are raised by a resident or ICI user about their water bill.

Another feature of this type of meter is that it would allow for more up to date reading comparisons between the overall water consumption and the City's water purchases. Currently, there is a lag due to the time needed to physically read all of the water meters. With a wireless automated system, data can be sent in a more timely manner. Combined with a district metering system, these newer meters would be of great assistance in identifying potential leaks and/or unauthorized water usage in a specific area. District metering breaks the City down into much smaller areas to track the flow of water into an area, and compares it to metered consumption in that same area. By comparing the main meter reading against the usage reported by the "smart' meters, unmetered water usage can be better identified.

The additional cost for these new meters is approximately \$125 per unit. Given there would be cost implications if all water meters were to be changed to this new technology, it is recommended that staff further review the possibility of using the new "smart" type meters, and report back at a later date with their findings and recommendations.

York Region's "Water For Tomorrow" Program

The "Water for Tomorrow" program continues to provide programs and initiatives to reduce the consumption and loss of drinking water. The latest initiatives include:

- rebates for purchasing and installing a water efficient toilet;
- rebates for purchasing and installing a water efficient furnace humidifier;

- rebates for purchasing water efficient clothes washers;
- rain barrels sales to York Region residents at a cost that is well below market rates;
- water efficient landscape visits and industrial/commercial water audits to encourage water consumers to conserve water use and assists in reducing energy consumption and their carbon footprint; and,
- rebates and incentives for commercial operations aimed at commercial kitchens, laundromats, and large volume industrial users.

The Region of York has released its long term water strategy that outlines the 40 year strategy that will put in place sustainable measures to ensure water conservation is implemented across the Region. The City has recently committed to the strategy, and in the near future, additional programs will be put forward by staff for consideration as part of the budget process. The Region's water conservations strategy can be seen on the Region's web site at: www.york.ca

2011 Water Budget - Revenue & Expenditure Highlights

Additional Resource Requests - Water

For 2011, the additional resource requests (ARR) are outlined on Attachment # 3. The additional funds are included in the attached water and wastewater budgets and have been gapped. The additional staff complements in Public Works are required to meet growing demands and City initiatives.

1 FTE Contract Person - see attached ARR

2011 Water Budget Factors

The budgeted 2011 water billing revenue includes a 3.0% (2.5% 2010) growth factor for residential, 1.75% (1.55% 2010) commercial growth factor and a 9.39% water rate increase. The consumption volume is conservatively estimated based on expected growth and does not reflect any weather predictions.

The Regional cost of potable water will increase by 10% annually over the period 2009 to 2011, 2012 to 2013 by 5% annually and 2% annually thereafter. Other expenditure increases reflect general inflationary pressures, renegotiated draft joint services costs and the funding requirement to provide a sustainable water system for the future. The proposed water rate is supported by the rate study.

2011 Proposed Water Budget Highlights

Revenues:

The recommended water rate of 116.26 cents per cubic meter is based on the proposed operating and capital budgets and represents the next step in achieving full cost recovery as supported by the rate study. The full cost recovery water rate has been smoothed over a 10 year period to 2018.

The budgeted water billings in 2011 include a 9.39% rate increase and an increase in residential and commercial growth. The revenues are expected to be \$40.8 million with water purchases from the Region at \$28.7 million, including unmetered water, resulting in a gross margin of \$12.1 million.

Other revenue for bulk water sales remains constant year over year at \$0.2 million. Installation activity is expected to be similar to last year's budgeted level at \$1.1 million. Interest revenue is expected to exceed 2010 due to higher interest rates.

<u>Unmetered Water Consumption:</u>

Unmetered water usage takes place through: fire suppression and fire training, irrigating sports fields, main flushing and maintenance, street sweeping, water main breaks and service leaks, testing and flushing water mains in new developments due to Provincial water regulations, water used by builders in the construction of new homes, etc. Main flushing maintains the City's ability to provide potable water thereby meeting Ministry of Environment requirements.

Water/wastewater services are recovered internally for City purposes; such as recreation's swimming pools, City buildings and facilities.

The 2011 unmetered water is budgeted at 13% the same level as last year. The unmetered water loss for 2010 is 13.2%, lower than the 16% level experienced in previous years. In part this is the result of a reduced need to flush water mains in new subdivisions. The actual unmetered water over the past number of years range from 9.3% to 16.8% reflecting the growth of the City. The National Drinking Water Clearinghouse in the USA has indicated that water unaccounted for in the 10 - 12% range is considered normal, while the National Research Council of Canada reported that the range is anywhere from 20 - 30%.

Expenditures:

2011 budgeted expenditures total \$9.4 million covering maintenance, administration, financing, overhead and other costs which are the same as last year's budget. Maintenance increases of 5.5% due to additional resource requests and increased funding for existing programs are offset by lower overhead allocations down by 10.5% and joint services costs down by 19% based on the draft renegotiated joint services agreement. General administration is up slightly due to two new proposed staff at 6%.

2010 Actual Highlights

Actual 2010 total water billings of \$37.7 million are over budget by \$1.2 million. Residential billings at \$22.6 million were up slightly by 1% and Commercial at \$14.9 million up by 6.3% compared to budget. The increase is attributable to actual growth exceeding the budgeted growth factor of 2.5% combined with warmer summer months that resulted in an increase in consumption.

It should noted that the average household consumption has continued to decline over the past four years which may be attributed to conservation efforts combined with weather patterns. Over that period the per household annual consumption decrease from 338m³ to 295m³.

Bulk sales came in slightly over budget and installation service fees slightly under budget.

Actual maintenance expenditures came in at \$5.0 million, under budget by \$0.2 million. Maintenance is generally under budget each year due to additional funding for possible emergency work. Administration came in at \$1.2 million and is slightly under budget due to staff vacancy. Administration overhead was favourable by \$0.2 million due to a lower than budgeted fund transfer. The remaining expenditures came in on budget.

Water Lifecycle Contribution - Reserve

In 2010 through water operations, the net of all revenues and costs resulted in \$3.9 million (\$3.9M 2009) being transferred to the water reserve.

The 2011 budgeted transfer from water operations to the water reserve is \$4.0 million. These funds will provide for the future requirements of the water infrastructure. The forecasted Capital drawdown on the reserve in 2011 for water related infrastructure needs is expected to be \$4.0 million.

Committed capital costs represent approved capital projects not yet begun or completed and total \$5.1 million.

The budgeted reserve balance at the end of 2011 is projected to be \$21.2 million (2010 actual 21.2m) after committed capital projects. These funds will provide for the future requirements of the water infrastructure to ensure the City's drinking water systems are financially sustainable as required under the new Municipal Drinking Water Licence Program.

2011 Wastewater Budget - Revenue & Expenditure Highlights

Back-water Valve Installation Subsidy Program Update

On May 5, 2009, Council approved the Back-water Valve Installation Subsidy program. The necessary by-law has been enacted, and the program has been advertised to the public. The subsidy is based on having an annual maximum funding cap of \$112,500, to be funded from the Wastewater Reserve. Based on a maximum subsidy of \$750 per property, the City can approve 150 applications per year, if all received the maximum subsidy. In 2010, there were four applicants. Funding for the continuation of this program has been included in the base 2011 Wastewater Budget.

Additional Resource Requests - Wastewater

For 2011, the additional resource requests (ARR) are outlined on Attachment # 3. The funds are included in the attached wastewater budget and have been gapped. These resource requests are for additional complements in Public Works to meet growing demands and due to a Region of York initiative.

2 FTE Serviceperson 2 - see attached ARR

2011 Wastewater Budget Factors

The budgeted 2010 wastewater billing revenue includes a 3.0% (2.5% 2010) residential, 1.75% (1.55% 2010) commercial growth factor and a 10.45% wastewater rate increase. The volume of wastewater is not metered. The wastewater consumption volume is based on water sold to the consumer.

The Regional cost of wastewater services will increase by 10% annually for the period of 2009 to 2013 and by 5% annually thereafter. Other expenditure increases reflect general inflationary pressures, renegotiated draft joint services costs and the funding requirement to provide a sustainable water system for the future. The proposed water rate is supported by the rate study.

2011 Proposed Wastewater Budget Highlights

Revenues:

The recommended wastewater rate of 124.58 cents per cubic meter is based on the proposed operating and capital budgets and represents the next step in achieving full cost recovery as supported by the rate study. The wastewater rate has been smoothed out over a 10 year period.

Staff will be looking at various rate options outlined in the Watson study to more effectively fund storm sewer services in the future.

The budgeted wastewater billings in 2011 include a 10.45% rate increase and an increase in residential and commercial growth. The revenues are expected to reach \$42.6 million with the expected wastewater services from the Region at \$31.7 million leaving a gross margin of \$11.0 million. The cost of wastewater disposal service from the Region includes a 10.0% increase. The Region's treatment cost for wastewater is based on potable water purchased by the City.

Installation and service fees are budgeted at \$0.2 down by \$0.1 million from last year as these are driven by demand. The 2011 local improvement revenue is budgeted at \$213,200 and is offset by the cost of debentures of \$213,200. Interest revenue is expected to be higher in 2011 due to higher interest rates and higher reserve balance.

Expenditures:

2011 budgeted expenditures total \$7.9 million covering maintenance, administration, storm sewer financing, joint services, overhead and other costs which are up by 5.4% over last year's budget. The largest increases year over year are in maintenance and general administration, primarily due to additional funding for existing programs, resource requests and projects previously funded from capital transferred to operating. These increases are offset by renegotiated draft joint service agreement, down by 19%.

2010 Actual Highlights

Actual 2010 total wastewater billings of \$39.0 million are over budget by \$0.8 million. Wastewater revenue is billed based on water consumption. There are no meters since they are impractical in this application. Residential actual billings totalled \$23.4 million, slightly over budget and Commercial and Industrial actual billings totalled \$15.7 million, up by 4.8% compared to budget. Installation revenue came in at \$0.2 million lower than budget. Installation revenues are impacted by demand.

2010 Actual expenditures total \$6.3 million covering maintenance, administration, storm sewer, financing, overhead and other costs, down by 15.8% when compared to budget. Actual maintenance expenditures came in at \$2.8 million, under budget by \$0.5 million. Storm sewer maintenance came in at \$1.5 million under budget by \$0.6 million as a result of less than expected activity. The balance of expenditures came in on budget.

Wastewater Lifecycle Contribution - Reserve

In 2010 through wastewater operations, the net of all revenues and costs resulted in \$3.9 million (\$3.6m 2009) being transferred to the wastewater reserve fund.

The 2011 budgeted transfer of \$3.7 million from wastewater/storm operations to the reserve is higher at \$0.4 million over last year's budget. The capital drawdown on the reserve in 2011 for wastewater related infrastructure needs is expected to be at \$0.3 million.

Committed capital costs represent projects not yet begun or completed and totals \$1.2 million.

The budgeted reserve balance at the end of 2011 is projected to be \$23.7 million after committed capital projects, a net increase of \$3.4 million. These funds will provide for the future

requirements of the wastewater infrastructure to ensure the City's wastewater system are financially sustainable.

Relationship to Vaughan Vision 2020

Establishes the budget and resources required to maintain service levels and undertake Council priorities in this area.

Regional Implications

No Implications

Conclusion

Based on the rate study review the City's water, wastewater rates are continuing to move towards full cost recovery. The 2011 draft water/wastewater budgets will generate sufficient funds to maintain a financially sustainable reserve for the future thereby meeting the SDWA requirements.

Based on the proposed rate increase for water and a rate increase for wastewater the impact to the ratepayer that consumes 300 cubic meters per year will be approximately \$65.00 or \$5.40 per month.

It is therefore recommended that the City's water rate be increased to 116.26 cents per cubic meter and that the wastewater rate be increased to 124.58 cents per cubic meter both effective July 2011.

Attachments

Attachment No. 1: The 2011 Water and Wastewater Budgets including 2010 Draft Water

and Wastewater Actual Operating Results

Attachment No. 2: 2011 Water and Wastewater Municipal Rate Comparison

Attachment No. 3: Additional Resource Requests & New Complements Summary -

Water & Wastewater

Attachment No. 4: Water, Wastewater & Drainage 2011 Business Plan

Attachment No. 5 C1, dated May 16, 2011 Attachment No. 6 C2, dated May 24, 2011

Report prepared by:

Barry E. Jackson, CGA Director of Financial Services

Ext. 8272

The Corporation of the City of Vaughan 2011 Proposed Operating Budget and

2010 Statement of Operations for the Year Ending December 31, 2010 Water Reserve Fund

Description	2011 Proposed	% of	2010 Annual	% of	2010 Year End	% of
var avetter far. Haft Swelat	Budget	Sales	Budget	Sales	Actual	Sales
Water Revenues ⁽¹⁾						
Residential Billings	25,073,925		22,424,000		22,625,347	
Commercial Billings	15,496,335		13,922,000		14,857,618	
Other	223,110		212,000		248,555	
	\$40,793,370		\$36,558,000		\$37,731,518	
Water Purchases						
Metered Water Purchases	24,945,810		21,981,000		22,724,996	
Unmetered Water	3,727,085	13.0%	3,285,000	13.0%	3,449,199	13.2%
	\$28,672,895		\$25,266,000		\$26,174,195	
GROSS MARGIN	\$12,120,475	29.7%	\$11,292,000	30.9%	\$11,557,323	30.6%
Other Revenues						
Installation and Service Fees	1,075,000	į	1,175,000		980,619	
Interest	220,000		58,000		134,396	
Olher					2,874	
	\$1,295,000	3.2%	\$1,233,000	3.4%	\$1,117,689	3.0%
Expenses ⁽²⁾						
Maintenance and Installation Cost	5,545,950		5,256,995		5,027,785	
General Administration	1,435,295		1,354,750		1,196,801	
Joint Service Costs	731,580		907,130		907,130	
Debenture Payments	202,790		202,790		210,197	
Administration Overhead	1,320,000		1,475,245		1,279,000	
Insurance Allocation	187,990	ļ	157,975		157,975	
	\$9,423,605	23.1%	\$9,354,885	25.6%	\$8,778,888	23.3%
LIFECYCLE CONTRIBUTION - RESERVE	\$3,991,870	9.8%	\$3,170,115	8.7%	\$3,896,324	10.3%

Statement of Continuity - Water Reserve

Description	Proposed:	2010. Annual Budget	2010 Year End Actual
Reserve Balance - Beginning - Actual	\$21,224,751	\$17,276,785	\$23,989,927
Lifecycle contribution from Water Operations	3,991,870	3,170,115	3,898,324
Cepital Fund Transfer - Year End Actual - Yearly Budget - Committed	- (4,027,350) -	 (2,577,876) -	(1,518,824) - (5,142,676)
Reserve Balance - Ending - Committed / Actual	\$21,189,271	\$17,869,005	\$21,224,751

⁽¹⁾ Water Rate change effective July 1, 2011
(2) New Complement Additional Resource Requests have been budgeted at 25% of the year.

The Corporation of the City of Vaughan 2011 Proposed Operating Budget and

2010 Statement of Operations for the Year Ending December 31, 2010 **Wastewater Reserve Fund**

Description."	2011 Proposed Budget	% of Sales	2010 Annual Budget	% of Sales	2010 Year End Actual	% of Sales
Wastewater Revenues (1)						
Residentlal Billings	26,352,520		23,287,000		23,369,216	
Commercial Billings	16,290,180		14,982,000		15,704,453	
	\$42,642,700		\$38,269,000		\$39,073,669	
Wastewater Expenses						
Regional Treatment Charges	\$31,673,225	74.3%	\$28,051,500	73.3%	\$29,433,987	75.3%
GROSS MARGIN	\$10,969,475	25.7%	\$10,217,500	26.7%	\$9,639,682	24.7%
Other Revenues						
Local Improvements	213,200		213,200		208,451	
Installation and Service Fees	225,000		325,000		114,977	
Interest	230,000		55,000		103,742	
Other			-		139,270	
	\$668,200	1.6%	\$593,200	1.8%	\$566,440	1.4%
Expenses (2)						
Maintenance and Installation Cost	3,845,670		3,221,325		2,767,799	
General Administration	394,7 6 5		385,500		381,314	
Storm Sewer Maintenance	2,104,605		2,096,050		1,477,909	
Joint Service Costs	487,720		804,755		604,753	
Debenture Payments	213,200		213,200		208,451	
Administration Overhead	880,000		829,825		721,000	
Insurance Allocation	198,170		166,530		166,530	
	\$7,924,130	18.6%	\$7,517,185	19.6%	\$6,327,756	18.2%
LIFECYCLE CONTRIBUTION - RESERVE	\$3,713,545	8.7%	\$3,293,515	8.6%	\$3,878,366	9,9%

Statement of Continuity - Wastewater Reserve

Description	2011: Proposed Budget	2010 Annual Budget	2010 Year End Actual	
Reserve Balance - Beginning - Actual	\$20,304,939	\$16,513,936	\$18,062,926	
Lifecycle contribution from Wastewater Operations	3,713,545	3,293,515	3,878,366	
Capital Fund Transfer - Year End Actual - Yearly Budget - Committed	- (303,900) -	(280,675) -	(403,250) - (1,233,103)	
Reserve Balance - Ending - Committed / Actual	\$23,714,584	\$19,526,776	\$20,304,939	

⁽¹⁾ Wastewater Rate change effective July 1, 2011
(2) New Complement Additional Resource Requests have been budgeted at 25% of the year. . . .

WATER AND WASTEWATER RATE COMPARISON BASED ON AVERAGE CONSUMPTION - 300 CUBIC METRES

						YOY CH	IANGE
		2	011	 010	AN	IOUNT	%
1)	REGION OF PEEL	\$	426	\$ 390	\$	37	9.42%
2)	VAUGHAN	\$	723	\$ 657	\$	65	9.94%
3)	MARKHAM	\$	725	\$ 664	\$	61	9.20%
4)	RICHMOND HILL	\$	734	\$ 668	\$	67	10.01%
5)	DURHAM REGION	\$	800	\$ 765	\$	35	4.52%
6)	AURORA	\$	817	\$ 747	\$	69	9.29%
7)	NEWMARKET	\$	927	\$ 843	\$	85	10.04%
8)	BARRIE	\$	929	\$ 786	\$	143	18.19%

CITY OF VAUGHAN
2011 Operating Budgot
Maintain Service Level Requests
Associated New Complement Detail

•						ANNUAL				
	Position		Full				Offsetting	Budget	2011 Budget Impac	t Impact
Department	Description	Status	Сошр.	Salary	Benefits	Other	Reductions	Impact	(A	FTE
Nater & Sewer Divisions	Staff to create new Water & Sewer Use By Laws	F/T Contract	1.0	72,655	12,860	4,290	,	89,805	25,670	0.25
Nastewater Division	Serviceperson II	Full Time	2.0	115,850	29,570	t	1	145,520	36,380	0.50
TAL NEW COMPLEN	TOTAL NEW COMPLEMENTS FOR COUNCIL APPROVAL		3.0	188,605	42,430	\$4,290	0\$	235,325	62,051	0.75



ADDITIONAL RESOURCE REQUEST													
Request Sumr	nary [Contract	Staf	f to Create	New '	Water &	Se	wer Use	By-law	S	1		
Department	Water &	Wastewater Divis	ion		E	usiness	Uni	it Name	23	(If app 340001			
Request Title													
	······································	, , , , , , , , , , , , , , , , , , , ,		Aument Deed								·	
	Financial Components					hange St		nary 011-2012	20	13	T 2	011-2013	i
		Components		2011	2	2012		ub-total	(Full-Y			Sub-total	
	Staffing			ĺ									
	Complements			1.00		-		1.00		-		1.00	
	Net FTE's			1.00		-		1.00		-		1.00	
	Operating Revenue			-		-		-		-		-	
	Operating Cost												
	Staffing & Be	1	85,515		-		85,515		_		85,515		
	Other continuous costs			. •				-		-		•	
	One-time expenses			4,290		(4,290)		-		-		-	j
	Offsets/reduc		-				-						
	Net Operating E	\$	89,805	\$	(4,290)	\$	85,515	\$	_	\$	85,515		
	Associated Cap	\$	_	\$	<u> </u>	\$		\$	_	\$	-		
· · · · · · · · · · · · · · · · · · ·													
1A) Request Desc	ription (Include	issues address	ed, i	milestones,	delive	erables,	time	eline, etc)					
Contract staff is significant chan order to ensure will need to rese and Operations	ges in order to r these By-Laws earch by-laws u	eflect current le are completed sed in other juri	egisl with isdic	ation surro in the 12 m tions, revie	undin nonth ew the	g safe d time fra	irini me	king wate , a contra	r and thack pers	ne City on is b	's ar eing	nd Region's requested	s policies. In I. This person
Milestones or Delive	rables			imelin es			rjavar	-be-depth/p	Cor	nments			
*** ** ** ** ** ** ** ** ** ** ** ** **	Water & Sewer Use	By-Laws		1 Year	311111111			Create No	C. Transfell de la company			Bv-Laws	
												•	
			بِـــ										
1B)Are other o	lepartments in	volved? If so,	wha	t is the re	quire	ment to	ro	ther dep	artmen	ts? Ex	plai	n?	·
Legal Departme opportunities for			ıe dr	aft docume	ents a	nd ensu	ıre t	that the fi	nal woı	ding p	rovic	les adequa	ate
GONINISSION	(Br#4(21)2(0)	VAL.								a ic :			



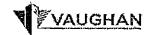
ADDITIONAL RESOURCE REQUEST								
Request Sumr	nary		ontract S	Staff to Cr	eate New Water &	Sewer Use By-laws		
Department	Water & Wastewater Division Business Unit Name (If applicable) 2340001 & 2350001							
Request Title								
2) Relationship to	. Vaugban Vle	ion 202	In Goals	e / Obios	tivon / Initiativon		··· <u>-</u>	
	<u>ific initiative</u> оп					ource request supports (new	or implementat	ion of), by
					*	* Request/Initiative	Vaughan V	/ision 2020
Initiativ Asset Manag		Ref# 18	Status	Date	Priority High	Relationship Mandatory	Goal	Objective
	34114114							
								····
* Select either - General Correlation or Mandatory for Success from drop box								
B) Describe and clearly demonstrate how the request links to the Vaughan Vision 2020;								
Goal: Service Excellence								
Objectives: Pursue Excellence in Service Delivery Enhance & Ensure Community Safety, Health & Wellness Lead and Promote Environmental Sustainability								
Goal: Managoment Excellence								
Objectives:	Enhance Produc Maintain Assets Ensure Financial	& Infrastri	ıctura	ess & Inno	vation			
3) Business Plan	Link & Relate	d Perfo	rmance l	ndicator	S	·	···········	
Please relate req	uest to Departn	ient Bus	iness Plar	1				
While this is somewhat of a new objective, it is part of the overall strategy to ensure our policies and by-laws reflect the most current legislation.							the most	
4) Benefits - Effic	iencies & Effe	ectiven	95S	· ·				
Please detail th	e benefit of the	request	and if the	e request	will provide cost s	avings, increase efficiency, e	tc.	
legislation has b water related by	een created. I -laws are cons uired to deal w	n order solidated ith curre	to ensure I whereve nt legisla	that the er possiblition and i	City can adequate e, an additional co realities surroundi	nding safe drinking water ha ely deal with these changes ontract staff is required to de ng sewer use. As more and	, as well ensur o this work, Sir	e that all milarly, new



ADDITION	AL RESOURCE REQUEST					
Request Summary Contract Staff to Crea	ate New Water & Sewer Use By-laws					
Department Water & Wastewater Division	(lf applicable) Business Unit Name 2340001 & 2350001					
Request Title						
5) Alternatives						
Are there alternatives or options? Please explain what they a	re and why they are not the primary approach.					
There are no effective alternatives or options as staff do n duties. In addition, researching, consolidating and creating field.	ot have the ability to perform this work in addition to their regular g By-laws requires someone with specific background knowledge in this					
6) Implications/Consequences (if request not approved)						
Briefly illustrate the impacts/consequences and those who will (staff, residents, community, , etc.)	I be affected, if the request was not approved.					
There is currently a loss of revenue from inappropriate use of water and risk of discharge of unapproved effluents to the sewer system. This can be a risk to public health and the environment.						
B) Please check off how the request relates to the following:						
Legislative/Regulatory Requirement						
None						
Little consequence of non compliance						
x Significant external repercussion/penalty						
Please specify: Specific Legislation (i.e Act/Regulation/etc.)	Safe Drinking Water Act 2002 and Ontario Water Resouces Act					
What are the compliance requirements?	Comments					
What are no complication requirements.						
Current status of compliance:	Compliant with risk					
Probability of Litigation and/or Health & Safety Issues						
None	Comments					
Unlikely or likely with minor outcomes/consequences and/or minor health and safety issues that require monitoring	Please describe the type and nature of risk					
Uncertain - potential for significant outcomes/consequences and/or more serious health and safety issues/risk uncertainty						
Definitely significant outcomes/consequences and/or unavoidable severe health and safety issues, immediate	Probability of Risk DLow E Medium High					



	ADDITIONAL	RESOURCE REQUEST			
Request Summary Co	ntract Staff to Create	New Water & Sewer Use	By-laws		
Department Water & Wastewat		Business Unit Name	(if appl 2340001 8		
Request Title					
Current sorvice level vs. target	ublic/client complaints/fr nplaints/aggression ompliance with Water and	ustration	t have been brought a	about by the SDWA	
7) Financial/Resource Detail					
Component		BU Acct. #	2011 Budget (2011 2012 Budget Change	
REVENUE - continuous operating detail					Full-Yr, Adj.
1					
2					
3					
4					
		Subtotal			
REVENUE - one-time operating detail				<u>-</u>	<u> </u>
1					
2					
		Subtotal			· · · · · · · · · · · · · · · · · · ·
EXPENSES - continuous operating detail (For	staffino costs please fill o		<u>-,</u>	<u>-</u> !	
1 * Staffing costs (calculated field)		(See sect. 8&9)	72 555		
2 * Benefits	· ,	(See sect. 8&9)	72,655	-	
3 * Complement sch. Expenses (calculated field)			12,860		
4 4 chank>		(See sect. 8&9)			
5 <black></black>					
6 <blank></blank>					 -
7 <blook></blook>					
Solution		Subtotal			
		Subtotal	85,515	-	-



Request Summary Contract Staff to Create New Water & Sewer Use By-laws		
Department Water & Wastewater Division Business Unit Name 2340001 & 23500	01	
Request Title		
EXPENSES - one-time operating detail (For staffing costs please fill out section 8 & 9)		
Complement sch. expenses (calculated field) See sect. 8&9. 4,290	(4,290)	
² <blank></blank>		
3 <blank></blank>		
Subtotal 4,290	(4,290)	
OFFSETS - cost savings, reductions, etc	······································	
1 <biom s<="" td=""><td></td><td></td></biom>		
² <blank></blank>		
3 <blank></blank>		
Subtotal _	4	
TOTAL OPERATING BUDGET CHANGE 89,805	(4,290)	.=
ASSOCIATED CAPITAL FUNDING Proj. #		
¹ <blank></blank>		· · · · · · · · · · · · · · · · · · ·
² <biank></biank>		···
3 <blank></blank>		
TOTAL ASSOCIATED CAPITAL FUNDING .	-	-
COMPLEMENTS & FTE's		
# of positions requested (calculated field - sect. 8&9) 1.00		
FTE's (calculated field - sect. 8&9) 1.00	-	
FTE reductions/offsets (Manual Field) -	-	
Net FTE's (calculated field - sect. 8&9) 1.00	-	



		ADDITIONAL	RESOURCE REQUEST	•	
Request Summa	ry (Contract Staff to Create	New Water & Sewer Use	By-laws	
Department [Water & Wastev	vater Division	Business Unit Name	(If applicable) 2340001 & 2350001]
Request Title					
8) 2011 Compleme	ent Details				
	Do not ga	ap positions - If required, plear progressions & eco. adj. wil	ase contact the Budget Dept. fo I be calculated corporately by t	r instructions he Budget Dept.	
2011 Complement Info	rmation	Position #1	Position #2	Position #3	Sub-total
Position title		Contract Staff			
EstImated start date (dd-mm-yy)		1/6/2011			-
# of positions requested		1.00			1.00
Full-time equivalents (Fi	Es)	1.00			1.00
Position type		Full-time			
Position agreement clas	sification	Contract	Contract		1
If contract, specify term (dd-mm-yy to dd-mm-yy)		08-11 to 08-12			
Business unit # and obje	ect code	2340001 & 2350001			
Grade level		M			
Est. starting step		Start			1
2011 Complement Ann	ual Cost Detail				
Annual full-time \$		72,655			72,655
Annual part-time \$	· · · · · · · · · · · · · · · · · · ·				
Annual shift premiums, e	etc		·		
Annual overtime \$					_
* PT vacation pay (calcul	ated field)	<u>-</u>		-	
* Annual benefits (calcul	ated field)			-	-
* FT contract benefits in	lieu (calculated field)	12,860	-	-	12,860
Subto	otal	\$ 85,515	\$ -	\$.	\$ 85,515
Continuous costs	(BU & Acct #.)				
1) <blank></blank>					_
2) <biank></biank>					_
3) <biank></biank>					_
4) <blank></blank>					_
Subto	tal	\$ -	\$ -	\$	\$ -



		ADDITIONAL	RESOURCE REQUE	ST .	
Request Summ	nary (Contract Staff to Create	New Water & Sewer U	lse By-laws	······································
Department	Water & Wastev		Business Unit Nam	(If applicable)	
Request Title					
One-time costs	(BU & Acct #.)			<u> </u>	
1) Computer equip.		1,290			1,290
2) Office equip.	Phone & Furniture	3,000		···	3,000
3) Other	Vehicle & Tools				- 4,444
	btotal	4,290		•	- 4,290
Total 2011 Complem	ent Annual Costs	\$ 89,805	\$: -	\$	- \$ 86,805
9) 2012 Compler	Do not ga	p positions - if required, pleas progressions & eco. adj. will	se contact the Budget Dept.	for instructions	
2012 Complement In		Position #1	Position #2	Position #3	Sub-total
Position title					
Estimated start date					
# of positions requests	ed				
Full-time equivalents (FTEs)				P
Position type					
Position agreement cla					
If contract, specify terr (dd-mm-yyyy to dd-mm-yy	ท <i>y</i> yy)				
Business unit#					
Grade level					
Est. starting step	•				



·		ADDITIO	NAL RESOUR	CE REQUEST			
Request Summ	ary	Contract Staff to Cre	ate New Water	r & Sewer Use	By-laws		
Department	Water & Waste			ss Unit Name	(lf applicable) 2340001 & 235000	1	Ţ
Request Title							
		• • • • • • • • • • • • • • • • • • • •	 				
2012 Complement A	nnual Cost Detail	-		···			
Annual full-time \$							_
Annual part-time \$							-
Annual shift premiums	, etc						_
Annual overtime \$							_
* PT vacation pay (calc	culated fleid)					-	-
* Annual benefits (cate	ulated field)			-		- "	-
* FT contract benefits	in lieu (calculated field)			-		-	_
Sut	ototal	\$	- \$	-	\$	-	\$ -
Continuous costs	(BU & Acct#.)						
1) <blank></blank>							-
2) <blank></blank>							_
3) <blank></blank>							-
4) <blank></blank>							-
Sut	ototal	\$. \$	-	\$	-	\$ -
One-time costs	(BU & Acct #.)						
1) Computer equip.							-
2) Office equip.							-
3) Other					-		-
Sub	ototal		-	-		_	-
Total 2012 Compleme	ent Annual Costs	\$	- \$		\$	-	\$ -
Additional Comments:							



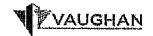
			AD	DITIONAL	. RI	SOURC	≣R	EQUEST	_		·····		
Request Summ	ary		Inflo	w & Infiltra	atio	n Reducti	on l	Program				·	
Department	Was	tewater Division				Business	Un	it Name		(If appl NEW BU			}
Request Title	<u> </u>				···-							-	
	L												
		· · · · · · · · · · · · · · · · · ·	, /	Annual Bud	iget	Change S				22.2			
	Financial (Components		2011		2012		011-2012 Sub-total	(Fu	2013 II-Yr. Adj.)		11-2013 ub-total	
	Staffing			•									
	Complement	ts		2.00		-		2.00		-		2.00	
	Net FTE's			2.00		-		2.00		-		2.00	
	Operating Rev	епие		-		- 1		-		-		-	
į	Operating Cos	ts											
	Staffing & Be	enefits		145,520		-		145,520		-		145,520	
	Other continu	uous costs .		250,000		250,000		500,000		250,000		750,000	
	One-time exp	·		-		-		-		-		-1	
	Offsets/reduc			-		-				-		-	:
	Net Operating	Budget	\$	395,520	\$	250,000	\$	645,520	\$	250,000	\$	895,520	i
	Associated Cap	pital Costs	\$		\$		\$	-	\$		\$	_	
1A) Request Desc	ription <i>(includ</i> e	e issues address	sed, i	milestones	, de	liverables,	tin	eline, etc)				
The Inflow & Infl Environment. A to be repaired an areas to reduce/	n assessment nd/or replaced.	of the critical ar . The Public Wo	eas orks l	was comp Departme	olete nt is	ed in 2009 required	w) to:	nich ident remedy tl	lified	deficienci	es in	the syste	m that need
Allestones or Delive	rables		≝∓l	me)ines					TE C	omments			
Reduce/eliminate 20	% of the known in	flow/infiltration		1 Year				Inflow &		ation Reduct	tion P	rogram	
Reduce/eliminate 20				1 Year						ation Reduct		-	
Reduce/ellminate 20				1 Year						ation Reduct			
Reduce/eliminate 20				1 Year				Inflow &	Infiltr	ation Reduct	tion P	rogram	
1B)Are other d								,	•				op.
eommissioni -		VALY								Date:			



				ADDITIO	ONAL RESOURCE	E REQUEST	Γ		
Request Sumr	mary			Inflow &	Infiltration Reductio	on Program		1	
Department	Was	tewater	r Division		Business	Unit Name		U REQ'D.	
Request Title								•	
2) Relationship to	o Vaughan Vis	lon 20	20 - Goa	ıls / Obje	ctives / Initiatives	;		•	•
A) Identify the <u>spec</u> completing the follo	Ific Initiative on sowing:	the Vau	ıghan Vis	lon 2020 i	initiative list this res	ource reque	st supports (ne	w or implement	ation of), by
initiativ	vo	Ref#	Status	Date	Priority	110 1 100 11111111111		Vaughan V Goal	Vision 2020 Objective
Asset Mana		18			High		ndatory	1 000.	Onlective
								 	
* Select either - General	l Correlation or Mant	Jatory for	r Success f	rom drop bo	x				
B) Describe and cle	arly demonstrat	e how f	he reque	st links to	the Vaughan Vision	2020:			
Goal:	Service Excellence	ce							
Objectives; Pursue Excellence in Service Delivery Lead and Promote Environmental Sustainability									
Goal:	Management Exce	ellence							
Objectives:	Enhance Producti Maintain Assets 8 Ensure Financial	& Infrasti	ructure	mess & Inno	ovation				
3) Business Plan	Link & Related	d Perf	ormance	Indicato	rs				
Please relate req	uest to Departm	ent Bu	siness Pla	an					
Mandated require	ment from the Mir	nistry of	the Envir	onment the	rough the Region of Y	ork.			
4) Benefits - Effic	ciencies & Effe	ctiver	less						
Please detail th	ie benefit of the i	reques	ts and if t	he reques	t will provide cost s	avings, incre	ease efficiency,	etc.	
permit developme The additional sta be directed to repa	Please detail the benefit of the requests and if the request will provide cost savings, increase efficiency, etc. The reduction of inflow and infiltration into the sanitary sewers will free up additional capacity in the existing Regional sewer systems sufficiently to permit development to continue without having to construct new trunk sewers. The additional staff will be assigned to perform inspections and oversee repairs of I & I related issues. The additional funds not related to staff will be directed to repair activities identified through the inspections.								
5) Alternatives									
Are there altern	atives or options	s? Plea	se explair	n what the	y are and why they	are not the p	orlmary approac	zh.	
There are no othe	r effective alterna	tives or	options as	s currently	staff levels and fundi	ng are not su	fficient to handle	this work.	
<u> </u>									



		ADDITION	AL RESOURCE REQUES	• T			
Request Sumn	nary	Inflow & Inf	Itration Reduction Progran	1			
Department	Was	tewater Division	Business Unit Name		(If appliced NEW BU RI		J
Request Title							
6) Implications/Co	200000000000000000000000000000000000000	(if request not approved)					
, · ·	•	sequences and those who w		was not	annroyed		
(staff, residents, cor	nmunity, , etc.)		ar no arrotota, ir the request	Waa HOL	approved.	·	
Council has comn	nitted to the I & I	Program and therefore if action	is not taken the Region may v	withhold s	ewer allocat	ion.	
B) Please check off	how the reques	relates to the following:		·····		***	
Legislative/Regu	latory Requiren	ent					
None							
Little conseque	ence of non com	pllance				•	
X Significant ext	ernal repercussio	n/penalty					
Please specify: Specific Legisl	ation (i.e Act/f	Regulation/etc.)	The Ministry of the Environment to reduce I & I in sewer systems			ion of York	_
What are the o	compliance requi	rements?	Comments Ministry of the Environment man sewer systems of the Region are	ndidated th nd municipa	e reduction of alitles within th	I & I In the e Region.	
Current status	of compliance:		Non compliant				•
Probability of Liti	igation and/or h	ealth & Safety Issues					
None			Comments				_
		comes/consequences ssues that require monitoring	Please describe the type a	nd nature	of risk		
Uncertain - pot and/or more se	tential for signific erious health and	ant outcomes/consequences safety issues/risk uncertainty					
X Definitely signi and/or unavoid	ficant outcomes/ lable severe hea	consequences th and safety issues, immediat	Probability of Risk e attention required to address	CLow	☐ Medium	☑ High	



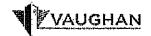
	ADDITIONAL	L RESOURCE REQUEST			
Request Summary	Inflow & Infiltr	ation Reduction Program			
Department Wastew	ater Division	Business Unit Name	(If appl NEW BU	icable) REQ'D.	1
Request Title					l
Roquest Illis			•		
Core City Service Disruption					
None					
Service provided with minor Interna	al issues - slight inconvenienc	9			
Intermittent service level impact - s	ome public/client complaints/f	frustration			
X Service failure - constant public/clie	ent complaints/aggression				
BRIEFLY DESCRIBE IMPACT:					
lasuea, Objectivos, otc.	Sawer capacity realized from	m the program will permit deve	opment to contin		
Current service level vs. target					
·	This is the launch of this init	tiative.			
7) Financial December 2.6-11					
7) Financial/Resource Defail			2044	0040	
Component		BU Acct.#	2011 Budget C	2012 Change	2013 Full-Yr. Adj.
REVENUE - continuous operating detail					•
1					
2					
3					
4				· · · · · · · · · · · · · · · · · · ·	
		Subtotal	-		-
REVENUE - one-time operating detail					
1					
2					
		Subtotal	-	4	
EXPENSES - continuous operating deta	il (For staffing costs please fill d	out section 8 & 9)			
* Staffing costs (calculated field)		(See sect. 8&9)	115,950	-	
2 * Benefits		(See sect. 8&9)	29,570	-	
3 * Complement sch. Expenses (calculated fi	eld)	(See sect. 8&9)	-	-	
Inflow & Infiltration Reduction Prog	ram	NEW BU REQ'D,	250,000	250,000	250,000
5 <black></black>	_				
6 <biank></biank>					
7 <blank></blank>					<u>"</u>
		Subtotal	395,520	250,000	250,000



ADDITIONAL	RESOURCE REQUEST			
Request Summary Inflow & Infiltre	ation Reduction Program]	
Department Wastewater Division	Business Unit Name	(If app NEW BL	licable) J REQ'D.	
Request Title				
EXPENSES - one-time operating detail (For staffing costs please fill out	saction 8 & 9)			7.1. /
Complement sch. expenses (calculated field)	See sect. 8&9,	_	-	
2 <blank></blank>				
3 <blank></blank>		····		
	Subtotal	•	-	
OFFSETS - cost savings, reductions, etc				
1 <blank></blank>			-	
² <blank></blank>				
3 <blank></blank>				
	Subtotal	ŀ	-	
TOTAL OPERATING BUDGET CHANG	近	395,520	250,000	250,000
ASSOCIATED CAPITAL FUNDING	Proj. #			
1 <biank></biank>	· · · · · · · · · · · · · · · · · · ·			
2 <blank></blank>				
3 <blank></blank>				· · · · · · · · · · · · · · · · · · ·
TOTAL ASSOCIATED CAPITAL FUNDI	<u>NG</u>	J		•
COMPLEMENTS	& FTE's		- <u></u>	
# of positions requested	(calculated field - sect. 8&9)	2.00		•
FTE's	(calculated field - sect. 8&9)	2.00		
FTE reductions/offsets	(Manual Field)	-	-	
Net FTE's	(calculated field - sect. 8&9)	2.00		



		ADDITIONA	L RESOURCE REQUES	Τ	
Request Summa	ry	Inflow & Infiltr	ration Reduction Program		<u>-</u>
Department	Wastewate		Business Unit Name	(lfapplicable) NEW BU REQ'D.	1
Request Title					
8) 2011 Compleme	ent Details				
	Do not ga Future year	ap positions - if required, ple r progressions & eco. adj. w	ease contact the Budget Dopt. fo	or Instructions the Budget Dept.	
2011 Complement Info	rmation	Position #1	Position #2	Position #3	Sub-total
Position title		Serviceperson II			
Estimated start date (dd-mm-yy)		1/6/2011			
# of positions requested		2.00			2.00
Full-time equivalents (F	TEs)	2,00			2.00
Position type		Full-time			
Position agreement clas	sification	Cupe Hourly			
If contract, specify term (dd-mm-yy to dd-mm-yy)					
Business unit # and obje	ect code	2350001			
Grade level		G			
Est. starting step		Start			[
2011 Complement Ann	iual Cost Detail				
Annual full-time \$		115,950)		115,950
Annual part-time \$					
Annual shift premiums, e	etc				-
Annual overtime \$					
* PT vacation pay (calcul	lated field)			-	
* Annual benefits <i>(calcul</i>	ated field)	29,570	_	-	29,570
* FT contract benefits in	lieu (calculated field)		-	-	-
Subto	tal	\$ 145,520	\$ -	\$ -	\$ 145,520
Continuous costs	(BU & Acct#.)				
1) <blank></blank>					
2) <blank></blank>					_
3) <blank></blank>					
4) <blank></blank>	<u> </u>				
Subto	tal	\$	\$ -	\$	\$ -



		ADDITIONAL	RESOURCE REQUEST	ſ	•
Request Summ	arv	Inflow & Infiltr	ation Reduction Program		
				(If applicable)	···
Department	Wastewater I	Jivision	Business Unit Name	NEW BU REQ'D.	
Request Title					
One-time costs	(BU & Acct #.)				·
1) Computer equip.					
2) Office equip.			/ / / /		
3) Other					
Sub	total		-		-
Total 2011 Compleme	ent Annual Costs	\$ 145,520	\$	\$	\$ 291,041
9) 2012 Complen					
2012 Complement Int	Do not gap Future vear p	positions - If required, plea	ase contact the Budget Dept. fo	r Instructions	
	Future year p	positions - If required, pier rogressions & eco. adj. wil Position #1	ase contact the Budget Dept. fo I be calculated corporately by t Position #2	r instructions he Budget Dept. Position #3	Sub-total
Position title	Future year p	rogressions & eco. adj. wil	l be calculated corporately by t	he Budget Dept.	Sub-total
Position title Estimated start date	Future year p	rogressions & eco. adj. wil	l be calculated corporately by t	he Budget Dept.	Sub-total
	Future year p	rogressions & eco. adj. wil	l be calculated corporately by t	he Budget Dept.	Sub-total
Estimated start date	Future year p	rogressions & eco. adj. wil	l be calculated corporately by t	he Budget Dept.	Sub-total -
Estimated start date # of positions requeste	Future year p	rogressions & eco. adj. wil	l be calculated corporately by t	he Budget Dept.	Sub-total
Estimated start date # of positions requeste Full-time equivalents (i Position type Position agreement cla	Future year p formation ad FTEs)	rogressions & eco. adj. wil	l be calculated corporately by t	he Budget Dept.	Sub-total
Estimated start date # of positions requeste Full-time equivalents (i	Future year p formation ad FTEs) assification	rogressions & eco. adj. wil	l be calculated corporately by t	he Budget Dept.	Sub-total
Estimated start date # of positions requeste Full-time equivalents (i Position type Position agreement cla If contract, specify term	Future year p formation ad FTEs) assification	rogressions & eco. adj. wil	l be calculated corporately by t	he Budget Dept.	Sub-total
Estimated start date # of positions requeste Full-time equivalents (i Position type Position agreement cla If contract, specify tern (dd-mm-yyyy to dd-mm-yy	Future year p formation ad FTEs) assification	rogressions & eco. adj. wil	l be calculated corporately by t	he Budget Dept.	Sub-total



		ADD	ITIONAL RESOURCE	REQUEST			
Request Summary		Infloy	v & Infiltration Reduction	n Program			
Department [Was	tewater Division			(If applicable)		
Request Title				· · · · · · · · · · · · · · · · · · ·			
2012 Complement Ar	nual Cost Deta	<u>ail</u>		<u> </u>	· · ·		
Annual full-time \$						_	
Annual part-time \$							
Annual shift premiums, etc					· · · · · · · · · · · · · · · · · · ·		
Annual overtime \$						_	
* PT vacation pay (calc	ulated field)		-	-			
* Annual benefits (calc	ulated field)		-	-			
* FT contract benefits i	n lieu <i>(calculatec</i>	field)	-	_			
Subt	total	\$	- \$	- \$	M.	\$ -	
Continuous costs	(BU & Acc	t #.)				 	
1) <blank></blank>						u u	
2) <blank></blank>							
3) <blank></blank>						- 1	
4) <blank></blank>						-	
Subt	lotal	\$	- \$	- \$	-	\$ -	
One-time costs	(BU & Acci	t#.)					
1) Computer equip.						-	
2) Office equip.						-	
3) Other						_	
Subtotal			-				
Total 2012 Complement Annual Costs Additional Comments:		ts \$	- \$	_ \$	_	\$ -	
Additional Continents:							



VAUGHAN Water, Wastewater & Drainage

2011 Business Plan

ENCHINESCENIEM

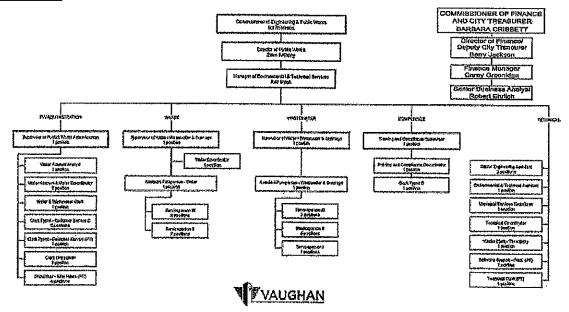
Service Statement:

The Water Division is committed to the distribution of safe, potable drinking water to all City of Vaughan residents through compliance with Provincial legislation and regulations as well as the continuous improvement of effective and efficient service in response to growth.

The Waste Water and Drainage Division is responsible for the maintenance of waste water and drainage collection infrastructure and the control of environmental hazards through compliance with Provincial legislation and regulations as well as the continuous improvement of effective and efficient services in response to growth.

The Finance Department coordinates with Public Works in providing revenue and cost projections for water and wastewater activities, user rates and financial reporting. As well, the Finance department coordinates with Power Stream regarding billing and collection of water and wastewater accounts.

Service Profile:



Full Time, Part Time and Overtime - Budgeted Amounts

					RESOURCE REQUEST	
	2008	2009	2010	2011 Base	2011	Г
Full Time	36	45.5	47.5	47.5	3	
Part Time	2.03	0.93	0.93	0.93	0	Г
Overtime	\$ 138,389.00	\$ 143,282.00	\$ 171,955.00	\$192,838.00	0	

Key Stakeholders:

- Citizens and Businesses of Vaughan
- York Region
- Conservation Authority

- Mayor and Council
- Ministry of the Environment

ADDITIONAL

Power stream



Water, Wastewater & Drainage

20:1 Business Plan

Work Plan

Link to Vaughan Vision 2020:

Pursue Excellence in Service Delivery
Enhance and Ensure Community Safety, Health & Wellness
Lead and Promote Environmental Sustainability
Support the Professional Development of Staff
Maintain Assets & Infrastructure
Ensure Financial Sustainability

Future Pressures and Opportunities:

Pressures:

- · Introduction of a backflow protection program in water
- Reduce the quantity of unaccounted water loss
- Provide training opportunities for staff to maintain operating licenses

Opportunities:

- Reduce water loss through the calibration of Industrial/commercial water meters
- Reduce Inflow & Infiltration into sanitary sewers through repairs to the system

Business Plan Objectives

Prior Year Business Plan Objectives / Accomplishments	Year	Status	· Outcome/Results
PSAB process in partnership with Public Works, Engineering, and Capital Finance	Q1'10	In compliance with legislation	
Continual improvement of the Drinking Water Quality Management System	Q4'11	System implemented	Annual audits have Identified improvement opportunities
Continue the lead testing program in Water	Q4'11	Ongoing	No adverse lead results
Develop a six year financial forecast-licensing-SWDA	Q6'10	Forecast completed	
5. Continue to develop a rehabilitation plan to reduce inflow & infiltration (I & I) in sanitary sewers	Q4'11	Program in development	Reduce I&I in sanitary sewers



Water, Wastewater & Drainage

2016 Business Pan

2011-12 Business Plan Objectives: (Note the anticipated Timeline, Outcome and Resources (Additional Resource Request) for each objective)

Business Plan Objectives:	Timeline	Outcome	Resources
2011/0	រច្ឆាស់ (១) គ្រ	ectives)	
Continual improvement of the Drinking Water Quality Management System	Q4'11	System implemented	Annual audits have identified improvement opportunities
2. Continue the lead testing program in Water	Q4'11	Ongoing	No adverse lead results
3. Continue to develop a rehabilitation plan to reduce inflow & infiltration (I & I) in sanitary sewers	Q4/11	Program in development	Reduce I&I in sanitary sewers
201 2 (1	00 3 060	ectives)	
Continual improvement of the Drinking Water Quality Management System	Q4'12	System implemented	Annual audits have identified improvement opportunities
2. Continue the lead testing program in Water	Q4'12	Ongoing	No adverse lead results
Continue to develop a rehabilitation plan to reduce inflow & infiltration (I & I) in sanitary sewers	Q4'12	Program in development	Reduce I&I in sanitary sewers

Key Performance Indicators:

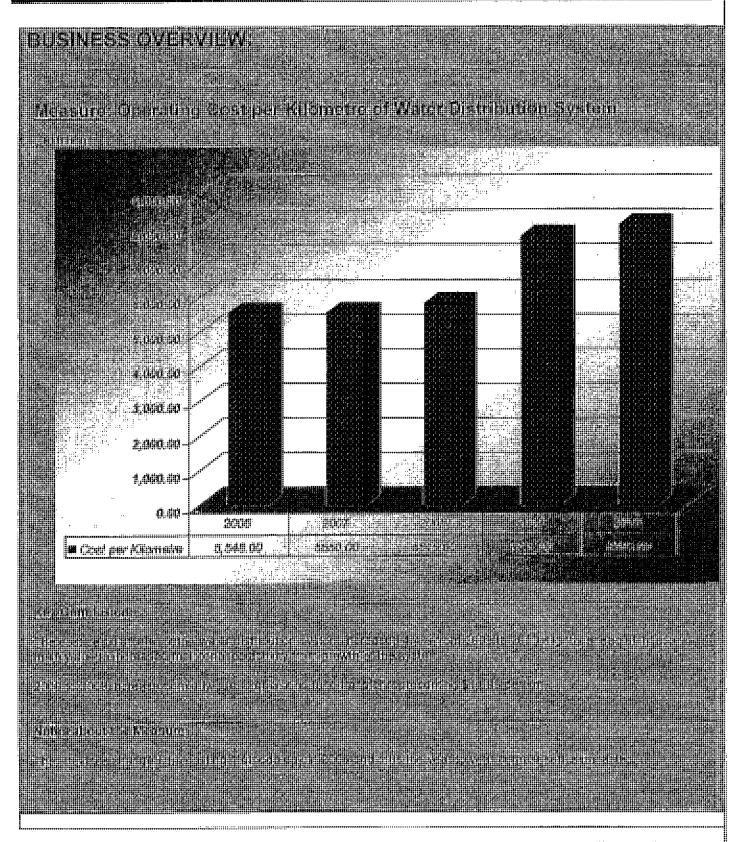
1.	Operating cost per kilometre of water distribution system
2.	Operating cost per kilometre of wastewater collection system
3.	Operating cost per kilometre of storm collection system
4.	Operating cost per kilometre of rural storm collection system
5.	Number of watermain breaks per 100 kilometres of distribution pipe
6.	Number of adverse samples vs. total number of samples
7.	Number of kilometres of sewermain flushed per year

BUSINESS OVERVIEW:



Water, Wastewater & Drainage

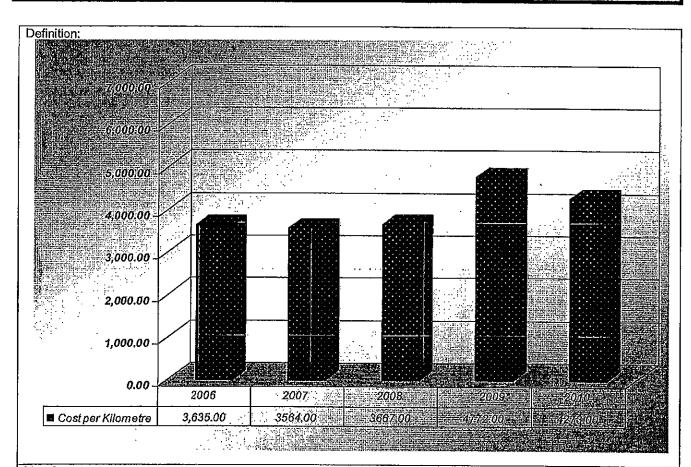
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VAUGHAN Water, Wastewater & Drainage

2011 Business Plan



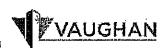
Key Conclusion:

The cost per kilometer of the wastewater collection system decreased 10.5% from 2009 to 2010 as the growth in the system outpaced the budget and some funds were shifted to the storm collection system maintenance.

2008 to 2009 increase primarily due to operating fund transfer representing \$600 per km.

Notes about the Measure:

The Province changed the costing methodology in 2006 and thus the year to year comparison is impacted.

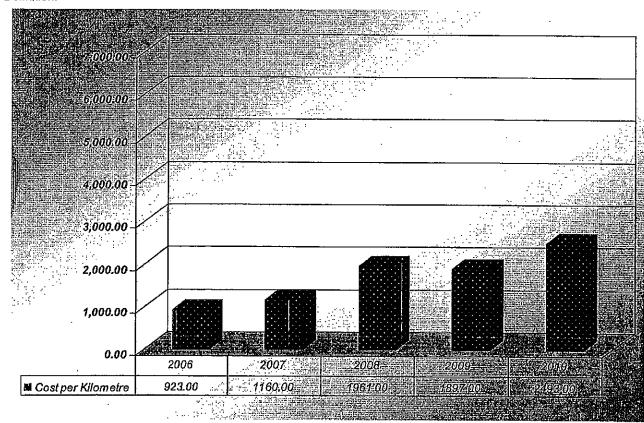


WAUGHAN Water, Wastewater & Drainage

2014 Business Plan

Measure: Operating Cost per Kilometre of Storm Collection System

Definition:



Key Conclusion:

The cost per kilometer of the storm collection system increased 24% from 2009 vs. 2010 due to increased flushing, grate cleaning and pond maintenance activities. As the City grows and additional storm water management ponds are assumed, funding for maintenance will need to increase accordingly.

Notes about the Measure:

The Province changed the costing methodology in 2006 and thus the year to year comparison is impacted.

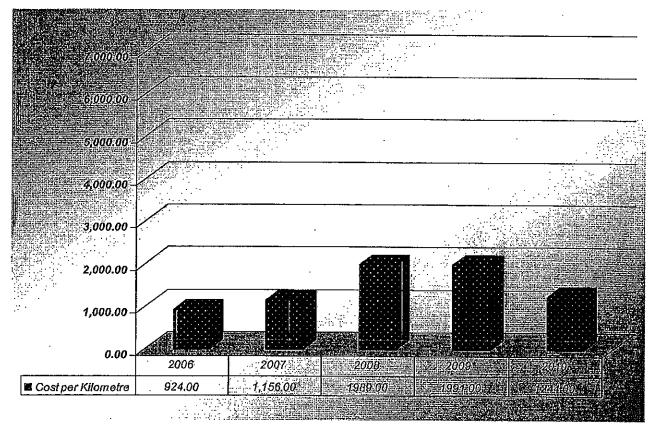


VAUGHAN Water, Wastewater & Drainage

2014 Business Han

Measure: Operating Cost per Kilometre of Rural Storm Collection System

Definition:

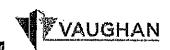


Key Conclusion:

The cost per kilometer of the rural storm collection system decreased 37.5% from 2009 to 2010 due to a reduction in maintenance activity allowing the funds to be shifted to the urban storm collection system maintenance.

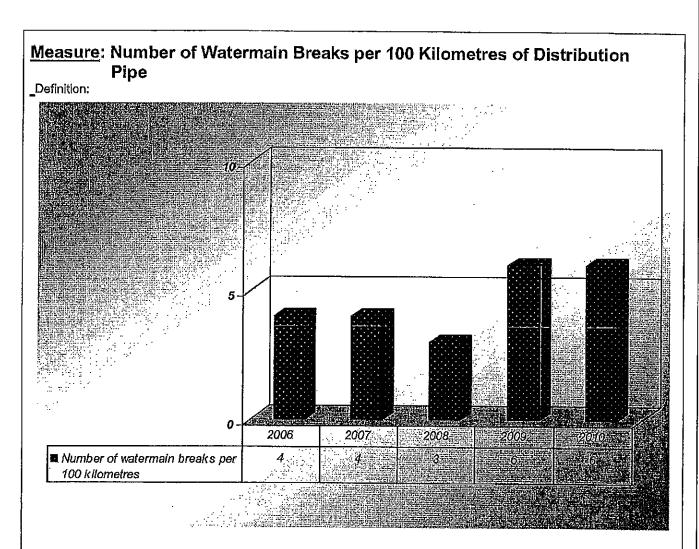
Notes about the Measure:

The amount of maintenance activity on the rural storm collection system is relative to the demand.



VAUGHAN Water, Wastewater & Drainage

2011 Business Plan



Key Conclusion:

Watermain breaks remained unchanged from 2009 to 2010. This number is expected to gradually decrease or flat line as a number of these watermains are at the end of their life and are being replaced.

Notes about the Measure:

There has been no increase of break activity in areas where the anode protection program has been implemented.

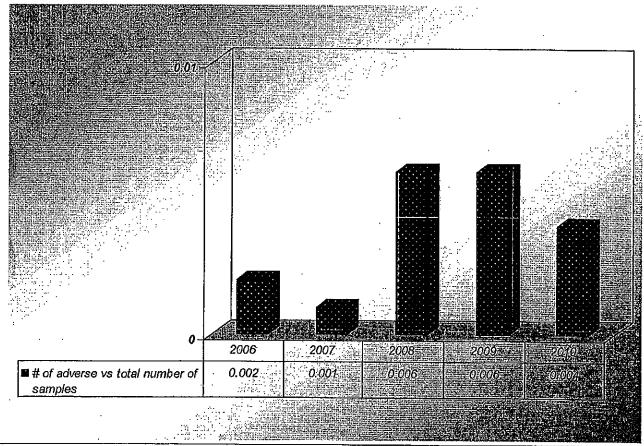


VAUGHAN Water, Wastewater & Drainage

2011 Business Plan

Measure: Number of Adverse Water Samples vs. Total Number of Water Samples Taken

Definition:



Key Conclusion:

The number of adverse vs. total water samples in 2010 is slightly fewer than levels seen in 2009. These occurrences are less than the Provincial average for municipalities of equivalent size. The standard response to an adverse water quality sample is to flush and resample to confirm that the water quality meets the regulatory requirements.

Notes about the Measure

In June 2005 the City mandated a flushing and testing program for all new developments within the City. As well, new locations were added to the existing flushing program for dead end watermains the result of assumed subdivisions. These changes were in response to O. Reg. 170/03 of the Safe Drinking Water Act.

2010 Business Plan

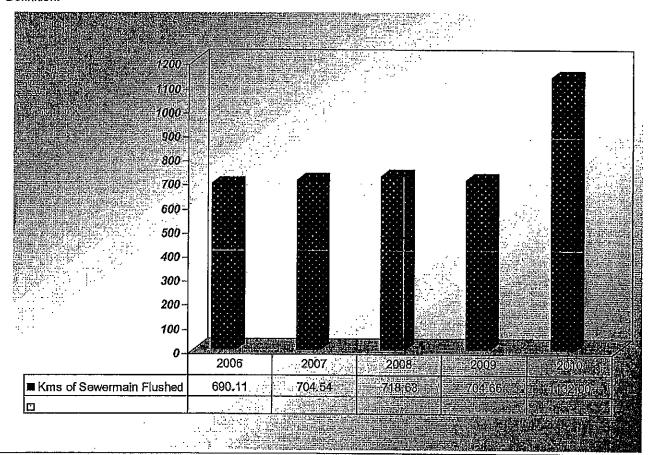


Water, Wastewater & Drainage

- 2011 Business Plan

Measure: Number of Kilometres of Sewer Main Flushed per Year

Definition:



Key Conclusion:

The number of kilometers of sewers flushed increased in 2010. Additional lengths of storm sewer that had not been flushed for several years were added to the 2010 program. Sanitary sewers are flushed annually while storm sewers are flushed on an as needed and less frequent basis.

Notes about the Measure:

This activity will continue to grow due to continuing development activity.



Water, Wastewater & Drainage

2011 avsinessa elan

<u>Overall Conclusion:</u> (An executive summary providing a clear and concise overview of the performance measures and the general departmental situation)

The growth of the systems combined with the regulatory requirements adds additional workload on the existing staff. In order to maintain the systems, additional funding and staff resources will be required in the future.



:·

Date: May 16/11 ITEM NO. 2 FINANCE & ADMIN. CMTEE COMMUNICATION C1

Wastewater Operating Budget 2011 Proposed Water and

Finance & Administration Committee

May 16th, 2011



LOOKING TO OUR FUTURE



Agenda

- Water and Wastewater Fast Facts
- Budget Highlights
- Budget Overview
- Region of York Water and Wastewater Rate Increases
- Water and Wastewater Rate Increase Breakdown
- 2011 Municipal Comparison



Water and Wastewater Fast Facts

- The City owns and operates two distribution systems: Vaughan Water Distribution System and Kleinburg Water Distribution System.
- The City of Vaughan provides services to 74,000 Residential homes and 2,950 Institutional, Commercial and Industrial (ICI) customers.
- < Residential customers are invoiced bi-monthly and ICI customers are monthly by the City's billing agent PowerStream
- \checkmark In 2010 the Vaughan and Kleinburg systems distributed 36,000,000 m³ of water.
- The City of Vaughan is responsible for the maintenance and repair of:
- 858 kilometers of water mains
- 839 kilometers of sanitary sewer mains
- 820 kilometers storm sewers mains
- Revenue generated from Water and Wastewater billing was in excess of \$76M in



Water and Wastewater Fast Facts - continued

- \checkmark Vaughan purchases its drinking water from the Region of York, who purchases it from the City of Toronto and from the Region of Peel.
- ✓ Water comes from Lake Ontario and through City of Toronto water treatment facilities it is purified for domestic consumption - "Potable Water".
- Average household water consumption has decreased from 338 m³ in 2007 to 295 m³ in 2010 attributable to conservation efforts and weather patterns
- ✓ Water and Wastewater billing revenues fund water purchases, wastewater operating costs and most importantly infrastructure lifecycle funding. services, asset rehabilitation/renewal, administration, overhead, financing, other



Budget Highlights



- ✓ The combined water / wastewater proposed rate increase is 9.94%.
- Region of York increasing both their water and wastewater rates by 10%.
- year is an additional \$65.31 or \$5.44 per month. The residential impact on an average household consumption of 300 m³ of water per
- < Vaughan is continuing to move towards Full Cost Recovery - 2009 Watson Rate Study Report.
- ✓ Water and Wastewater effective rate increase July 1, 2011.
- The Water and Wastewater budget is prepared through a collaborative partnership between Public Works and Financial Services
- Vaughan's residential account growth of 3.0% and ICI growth of 1.75% will generate 36,500,000 m³ of water consumption.



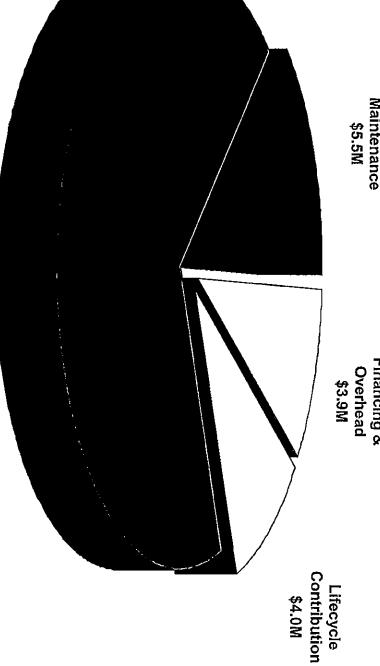
Budget Overview - Water

	25.0%	\$3.2M	\$4.0M	Lifecycle Contribution
Renegotiated Joint Services Agreement	(4.9)	4	3.9	Administration, Financing and Overhead
2011 ARRs	5 . 8	5.2	<u>ე</u>	Maintenance
	တ ယ	1.2	1.3	Other Revenues
	7.1	11.3	12.1	Gross Margin
Region of York 10% rate increase / growth	13.4	25.3	28.7	Water Purchases
Growth / Rate Increase	11.5%	\$36.6M	\$40.8M	Water Revenues
	Change	<u>2010</u> Budget	Proposed 2011 Budget	



2011 Water Expenses

Maintenance \$5.5M Financing & Overhead \$3.9M Admin., JSA,



Water Purchases Region of York \$28.7M

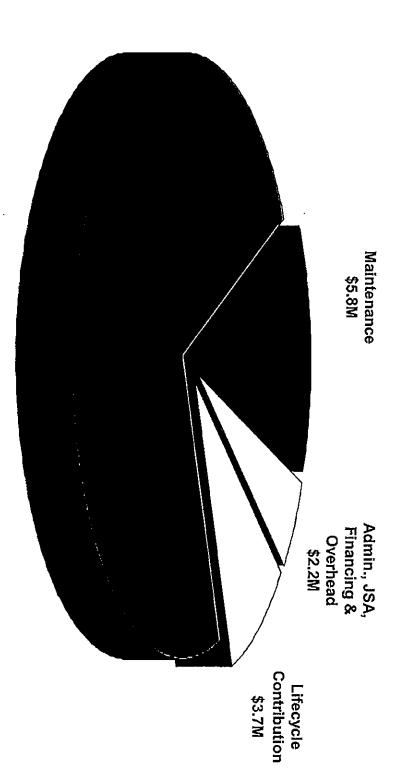


Budget Overview - Wastewater

Lifecycle Contribution	Administration, Financing and Overhead	Maintenance	Other Revenues	Gross Margin	Wastewater Expenses	Wastewater Revenues	
\$3.7M	2.2	5.8	0.7	11.0	31.6	\$42.6M	Proposed 2011 Budget
\$3.3M	2.2	5.3	0.6	10.2	28.1	\$38.3M	<u>2010</u> Budget
12.1%	0.0	9.4	16.7	7.8	12.5	11.2%	Change
		2011 ARRs			Region of York 10% rate increase / growth	Growth / Rate Increase	



2011 Wastewater Expenses



Region of York Wastewater Expenses \$31.6M



Region of York Water and Wastewater Rate Increases

- York Regional Council approved a water rate study that included increases as follows:
- ➤ a 10% annual increase in water rates for 2009 2011, 5% thereatter, annual increase in 2012 and 2013 and 2% annual increase
- ➤ a 10% annual increase in wastewater rates for 2009 2013 and a 5% annual increase thereafter.



Breakdown of the Combined Water and Wastewater Rate Increase

Potable Water and Wastewater Purchased Services 6.17% Region of York

Unmetered Water

0.43%

Maintenance

0.89%

Infrastructure Contribution

Admin., JSA, Financing and Overheads

(0.48)% 2.93%

Reserves

2011 Increase

9.94%

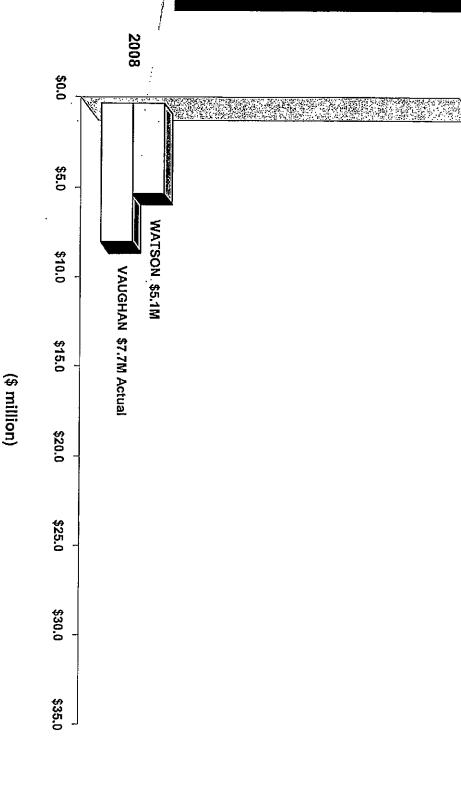
38%	39%	36%	City
62%	61%	64%	Region
Combined	Wastewater	<u>Water</u>	Proportionate Share of Rate Increase



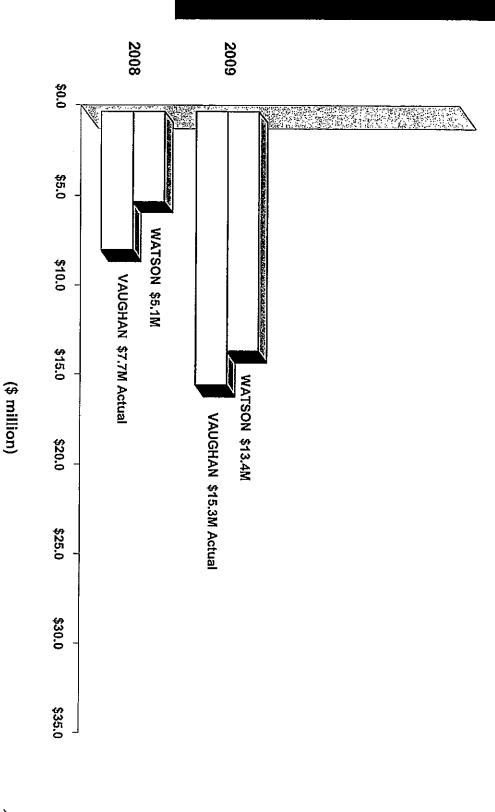
Breakdown of the Water / Wastewater Rate Components and Cost Impacts

Rate Components	<u>Water</u>	Wastewater	Combined
Regional Purchased Services	\$0.6973	\$0.7900	\$1.4873
Unmetered Water	0.1022	n/a	0.1022
Maintenance	0.1225	0.1486	0.2711
Other	0.1063	0.0609	0.1672
Lifecycle Contribution-Reserve	0.1343	0.2463	0.3806
TOTAL	\$1.1626	\$1.2458	\$2.4084

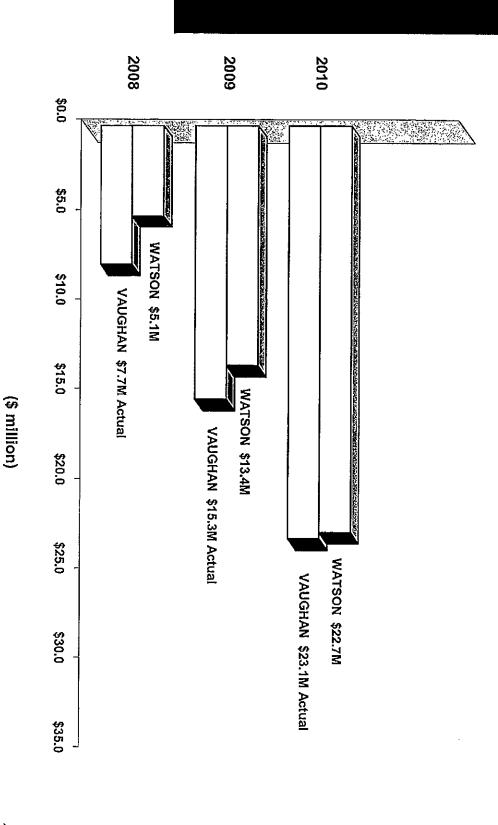




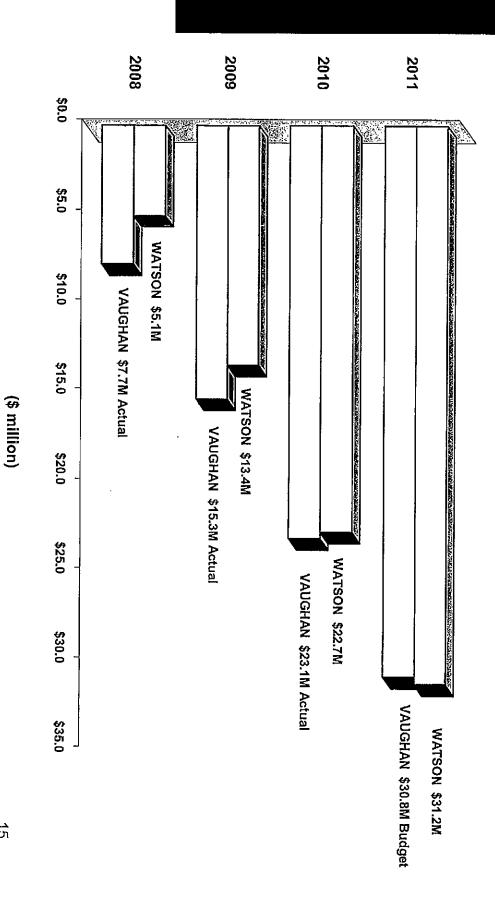






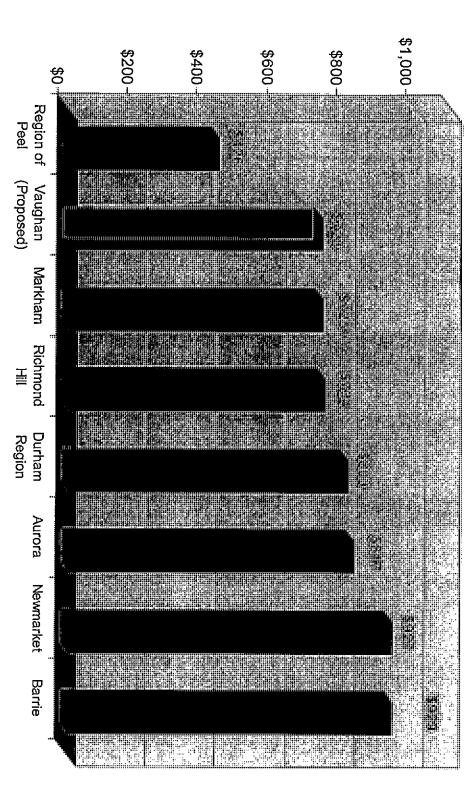








2011 Municipal Comparison - Total Water/Wastewater bill based on an average household consumption of 300 m³ per year.





memorandum

C 14

Item # 2

Report No. 13 Finance + Admin.

Committee

COUNCIL - May 24, 20 11

May 17, 2011

To:

Hon. Maurizio Bevilacqua, Mayor and Members of Council

From:

Barry Jackson, Director of Financial Services

RE:

Information Request – Finance & Administration Committee Agenda

May 16, 2011 - Item # 2, 2011 Water & Wastewater Operating Budgets

During the Finance and Administration Committee meeting on May 16, 2011, a request for further information was received in regards to attachment #2 "The Municipal Rate Comparison". The attached chart has now been changed to include all municipalities in the Region of York.

The revised rate comparison chart now shows that in the Region of York, the City of Vaughan has the lowest rate. However these rates as recommended will ensure the future financial sustainability of the City's water and wastewater infrastructure for the future.

If you have any further questions, please call me at extension 8272.

Regards

Barry Jackson, CGA

Director of Financial Services

Attachment

RECEIVED

MAY 2:0 2011

CITY OF VAUGHAN CLERKS DEPARTMENT

£-:-

c: Clayton Harris, City Manager

Barb Cribbett, Commissioner of Finance/City Treasurer Bill Robinson, Commissioner of Engineering & Public Works

Brian Anthony, Director of Public Works

Jeffrey Abrams, City Clerk

Carey Greenidge, Finance Manager, Water & Wastewater



The territory was a second control of 2011 Municipal Comparison (Revised) – Total Water/Wastewater bill based on an average household consumption of 300 m³ per year.

